

A.3.8 SWMU 52

Description

SWMU 52 consists of a suspected 20-foot by 20-foot TEL sludge burial located in the southwest corner of Tank Basin 13. The investigation area was identified based on Refinery drawing BA-77S-101058-3.

As shown on Figure A.3.8 and summarized on Table A.3.8, data from seventeen soil borings, five soil samples, and four groundwater samples have been used to characterize SWMU 52.

Soils

No evidence of staining, odors, or other petroleum-related impacts were observed in any of the SWMU 52 borings, and none of the five soil samples collected from SWMU 52 contained COCs above the applicable soil delineation criteria. As these samples were selected to be representative of the location most likely to contain the TEL burial based on the existing information, Chevron concluded that a TEL burial never existed within this area and requested an NFA for SWMU 52 in the 1st-Phase Soils Report. No new samples were collected for SWMU 52 during the Full RFI.

Groundwater

Metals were detected above the applicable groundwater delineation criteria in four groundwater samples collected as part of the Phase II OWSS Investigation. Based on a comparison of hydropunch samples (collected via traditional methods as well as with porous media) to samples from nearby monitoring wells in other parts of the Refinery, SVOC and metals data collected from temporary well points are not considered to be representative of ambient groundwater conditions. A more detailed discussion of potential groundwater impacts in this portion of the Central Yard is provided in Section 8 of the RFI Report.

Summary

Based on the fact that there were no exceedances of the applicable soil delineation criteria in any of the soil samples collected from SWMU 52, it does not appear that this location was ever used for disposal of TEL wastes. Therefore, Chevron continues to recommend no further action for SWMU 52. However, potential groundwater impacts in the vicinity of SWMU 52 will be included in the site-wide groundwater evaluation in the CMS.